

Branch-And-Bound Node Solution -- Iteration 1

03-17-2013 19:15:14	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	0	M	0	Integer	Yes
2	X2	0	M	2,1750	Integer	No
	Current	OBJ(Maximize)	= 435,0000	>= ZL =	-M	Non-integer

Branch-And-Bound Node Solution -- Iteration 2

03-17-2013 19:16:25	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	0	M		Integer	
2	X2	3,0000	M		Integer	
	This	node	is	infeasible	!!!!!!	

Branch-And-Bound Node Solution -- Iteration 3

03-17-2013 19:17:09	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	0	M	0,5833	Integer	No
2	X2	0	2,0000	2,0000	Integer	Yes
	Current	OBJ(Maximize)	= 433,8333	>= ZL =	-M	Non-integer

Branch-And-Bound Node Solution -- Iteration 4

03-17-2013 19:17:44	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	1,0000	M	1,0000	Integer	Yes
2	X2	0	2,0000	1,8750	Integer	No
	Current	OBJ(Maximize)	= 433,0000	>= ZL =	-M	Non-integer

Branch-And-Bound Node Solution -- Iteration 5

03-17-2013 19:18:13	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	1,0000	M		Integer	
2	X2	2,0000	2,0000		Integer	
	This	node	is	infeasible	!!!!!!	

Branch-And-Bound Node Solution -- Iteration 6

03-17-2013 19:18:43	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	1,0000	M	3,9167	Integer	No
2	X2	0	1,0000	1,0000	Integer	Yes
	Current	OBJ(Maximize)	= 427,1667	>= ZL =	-M	Non-integer

Branch-And-Bound Node Solution -- Iteration 7

03-17-2013 19:19:06	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	4,0000	M	4,0000	Integer	Yes
2	X2	0	1,0000	0,9750	Integer	No
	Current	OBJ(Maximize)	= 427,0000	>= ZL =	-M	Non-integer

Branch-And-Bound Node Solution -- Iteration 8

03-17-2013 19:19:41	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	4,0000	M		Integer	
2	X2	1,0000	1,0000		Integer	
	This	node	is	infeasible	!!!!!!	

Branch-And-Bound Node Solution -- Iteration 9

03-17-2013 19:20:08	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	4,0000	M	7,2500	Integer	No
2	X2	0	0	0	Integer	Yes
	Current	OBJ(Maximize)	= 420,5000	>= ZL =	-M	Non-integer

Branch-And-Bound Node Solution -- Iteration 10

03-17-2013 19:20:33	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	8,0000	M		Integer	
2	X2	0	0		Integer	
	This	node	is	infeasible	!!!!!!	

Branch-And-Bound Node Solution -- Iteration 11

03-17-2013 19:20:57	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	4,0000	7,0000	7,0000	Integer	Yes
2	X2	0	0	0	Integer	Yes
	Current	OBJ(Maximize)	= 406,0000	>= ZL =	-M	New incumbent

Branch-And-Bound Node Solution -- Iteration 12

03-17-2013 19:21:21	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	1,0000	3,0000	3,0000	Integer	Yes
2	X2	0	1,0000	1,0000	Integer	Yes
	Current	OBJ(Maximize)	= 374,0000	<= ZL =	406,0000	Not better!!

Branch-And-Bound Node Solution -- Iteration 13

03-17-2013 19:21:49	Decision Variable	Lower Bound	Upper Bound	Solution Value	Variable Type	Status
1	X1	0	0	0	Integer	Yes
2	X2	0	2,0000	2,0000	Integer	Yes
	Current	OBJ(Maximize)	= 400,0000	<= ZL =	406,0000	Not better!!